

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Bruno Lebret
SERIAL NO.: 10/581,216 CONF. NO. 1772
FILING DATE: March 23, 2007
TITLE: USE OF SILOXANE-BASED POLYMERS OR COMPOSITES IN
CHEMICAL SENSORS FOR DETECTING NITRATE COMPOUNDS
EXAMINER: Weisz, David G.
ART UNIT: 1797

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

REQUEST TO CORRECT FILING RECEIPT

It is respectfully submitted that the Filing Receipt for the above-identified patent application has an error.

The word "SENSORS" is misspelled in the title of the application as "SENSOR" and the title should be corrected to read as follows:

**"USE OF SILOXANE-BASED POLYMERS OR COMPOSITES IN CHEMICAL
SENSORS FOR DETECTING NITRATE COMPOUNDS"**

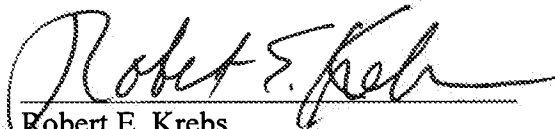
Please amend the Filing Receipt and appropriate records to reflect the correct title for the above-referenced patent application. Copies of the Declaration and Power of Attorney, first page of the specification and the postcard showing receipt of these documents as originally filed on May 30, 2006, with the correct title, are attached. Also attached is a copy of the Filing Receipt with the necessary correction indicated in red ink.

No fee is believed to be due. However, the Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-3557.

Respectfully submitted,

NIXON PEABODY LLP

Dated: May 21, 2010


Robert E. Krebs
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B14328.3 SL

Declaration, Power Of Attorney and Petition

Page 1 of 3

WE (I) the undersigned inventor(s), hereby declare(s) that :

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first, and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

USE OF SILOXANE-BASED POLYMERS OR COMPOSITES IN CHEMICAL SENSORS FOR DETECTING NITRO COMPOUNDS

the specification of which

☐ is attached hereto.

☒ was filed on May 30, 2006

as Application Serial No. 10/581,216

and amended on

☒ was filed as PCT international application

Number PCT/FR2004/050646

on December 3, 2004

and was amended under PCT Article 19

on

We (I) hereby state that we (I) have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We (I) acknowledge the duty to disclose information known to be material to the patentability of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations.

We (I) hereby claim foreign priority benefits under 35 U.S.C. § 119 (a)-(d) or § 365 (b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application (s)

Application No.	Country	Day/month/Year	Priority Claimed
03 50984	FRANCE	05.12.2003	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
_____	_____	_____	<input type="checkbox"/> YES <input type="checkbox"/> NO
_____	_____	_____	<input type="checkbox"/> YES <input type="checkbox"/> NO
_____	_____	_____	<input type="checkbox"/> YES <input type="checkbox"/> NO

We (I) hereby claim the benefit under Title 35, United States Code, § 119 (e) of any United States provisional application(s) listed below.

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

We (I) hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in these prior United States application(s) in the manner provided by 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 CFR § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application.

Application Serial No.

Filing Date

Status (pending, patented,
abandoned)

I hereby appoint practitioners associated with **Customer Number: 46,188** as attorneys of record with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith. If this application is assigned by me I agree and understand that the above-named attorneys will represent the assignee and not me.

Please send all correspondence and direct all telephone calls to:
Customer Number 46,188

We (I) undersigned declare that all statements made herein of my(our) own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and such wilful false statements may jeopardize the validity of the application or any patent issuing therefrom.

LEBRET Bruno

NAME OF FIRST SOLE INVENTOR



Signature of Inventor

June 15, 2006

Date

Residence :

9 rue des Groseilliers
37170 CHAMBRAY-LES-TOURS
FRANCE


Citizen of :

FRANÇAISE

Post Office Address : The same as residence

HAIRAULT Lionel

NAME OF SECOND INVENTOR



Signature of Inventor

June 15, 2006

Date

Residence : 20-32 rue de la Roche.37150 LA CROIX EN TOURAINE
FRANCECitizen of : Française

Post Office Address : The same as residence

PASQUINET Eric

NAME OF THIRD INVENTOR



Signature of Inventor

June 15, 2006

Date

Residence : 10 rue de Vercay37550 SAINT AVERTIN
FRANCECitizen of : Française

Post Office Address : The same as residence

NAME OF FOURTH INVENTOR

Signature of Inventor

Date

Residence : _____

Citizen of : _____

Post Office Address : The same as residence

NAME OF FIFTH INVENTOR

Signature of Inventor

Date

Residence : _____

Citizen of : _____

Post Office Address : The same as residence

USE OF SILOXANE-BASED POLYMERS OR COMPOSITES IN
CHEMICAL SENSORS FOR DETECTING NITRO COMPOUNDS

DESCRIPTION

5 TECHNICAL FIELD

The present invention relates to the use of siloxane-based polymers or of composites comprising such a polymer and one or more electrically conductive fillers as sensitive materials in sensors for detecting
10 nitro compounds, and in particular nitroaromatic compounds such as nitrobenzene (NB), dinitrobenzene (DNB), trinitrobenzene (TNB), nitrotoluene (NT), dinitrotoluene (DNT), 2,4,6-trinitrotoluene (TNT) and the like.

15 Such sensors are useful for detecting explosives, whether for the purpose of ensuring the safety of public places such as airports, for checking the legality of merchandise in circulation in a territory, for combating terrorism, for performing
20 disarmament operations, for locating antipersonnel mines or for decontaminating industrial or military sites.

They are also useful for environmental protection, in particular for controlling and
25 monitoring atmospheric pollution and the quality of more or less confined atmospheres, and also for the monitoring, for security purposes, of industrial sites that manufacture, store and/or handle nitro compounds.

DOCKETED
JUL 19 2006

UAPIS Rec'd PCT/PTO 30 MAY 2006

10/581216

ed

Filing/Issue Date: Herewith

Bruno et al.

OF SILOXANE-BASED POLYMERS OR COMPOSITES IN CHEMICAL SENSORS FOR DETECTING NITRO

A. APPENDS

PKT Docket No: 034299-000699

Atty/Sec'y Initials: REK/lh

Date Made: 5/30/06

Docket Due Date: 6/5/06

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- ☐ Amendment/Response (____ pgs.)
- ☐ Appeal Brief (____ pgs.) (in triplicate)
- ☒ Application - Utility (29 pgs. with cover & abstract)
- ☐ Application - Rule 1.53(b) Continuation (____ pgs.)
- ☐ Application - Rule 1.53(b) Division (____ pgs.)
- ☐ Application - Rule 1.53(b) CIP (____ pgs.)
- ☐ Application - Rule 1.53(d) CPA (____ pgs.)
- ☐ Application - PCT (____ pgs.)
- ☐ Application - Provisional (____ pgs.)
- ☐ Assignment and Cover Sheet
- ☐ Certificate of Correction
- ☐ Certificate of Mailing
- ☐ Declaration & POA (3 pgs.)
- ☐ Fee Transmittal
- ☐ Drawings (informal):

____ # of sheets includes ____ figures

☒ Other:

Credit Card Payment Form: Request PCT/ISA 210- PCT/ISA 237;
2005 US7198, PCT/ISA 220, PCT/ISA 210- PCT/ISA 237;
PCT/ISA 208, PCT/ISA 401, PCT/ISA 416

- ☐ IDS & PTO 1449 (____ pgs.)
- ☐ Pieces of Prior Art Enclosed
- ☐ Issue Fee Transmittal
- ☒ Submission of Formal Drawings:
3 # of sheets includes 5 figures
- ☐ Notice of Appeal
- ☒ Postcard
- ☐ Preliminary Amendment (____ pgs.)
- ☐ Reply Brief (____ pgs.)
- ☐ Req and Cert. Not to Publish -- Rule 1.213
- ☐ Request for Continued Examination (RCE) (____ pgs.)
- ☐ Request for Extension of Time ____ Month(s)
- ☐ Response to Notice to File Missing Parts
- ☐ Copy of PTO Notice to File Missing Parts
- ☒ Transmittal Letter (original & copy)
- ☒ Express Mail No.: EV310 856 590US
- ☒ Credit Card Payment \$900.00
- ☐ Deposit Acct. No. 50-1698 \$____
- Patent Code: 1011, 1111, 1311
- Client/Matter # 34299 - 699

**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
10/581,216	03/23/2007	1711	1030	034299-000699	19	1

CONFIRMATION NO. 1772

46188

THELEN REID BROWN RAYSMAN & STEINER LLP
P. O. BOX 640640
SAN JOSE, CA 95164-0640

FILING RECEIPT

Date Mailed: 05/03/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

Bruno Lebret, Chambray-Les-Tours, FRANCE;
Lionel Hairault, La Croix En Touraine, FRANCE;
Eric Pasquinet, Saint Avertin, FRANCE;

Power of Attorney: The patent practitioners associated with Customer Number 46188**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/FR04/50646 12/03/2004

Foreign Applications

FRANCE 0350984 12/05/2003

If Required, Foreign Filing License Granted: 04/20/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is
US10/581,216

Projected Publication Date: 08/02/2007**Non-Publication Request:** No**Early Publication Request:** No**Title**

Use of siloxane-based polymers or composites in chemical ~~sensor~~ for detecting nitrate
compounds

~~Sensors~~
Sensors

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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The grant of a license does not in any way lessen the responsibility of a licensee for the security of the

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NOT GRANTED

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